10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SART2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56619

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9UL01
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109773

Additional Information

Gene ID	29940
Other Names	Dermatan-sulfate epimerase, DS epimerase, 5.1.3.19, Chondroitin-glucuronate 5-epimerase, Squamous cell carcinoma antigen recognized by T-cells 2, SART-2, DSE, SART2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DSE
Synonyms	SART2
Function	Converts D-glucuronic acid to L-iduronic acid (IdoUA) residues. Plays an important role in the biosynthesis of the glycosaminoglycan/mucopolysaccharide dermatan sulfate.
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane; Multi-pass membrane protein. Microsome membrane; Multi-pass membrane protein
Tissue Location	Ubiquitously expressed with higher expression in kidney and ovary and lower expression in brain, colon and thymus. Also expressed in renal cell carcinomas, brain tumors, and in a part of melanomas and adenocarcinomas from organs other than the breast Expressed in squamous cell carcinomas (SCC), glioma, and some adenocarcinoma cell lines, but not in breast cancer

cell lines or any normal tissues (at protein level).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.